

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A transformant into which has been incorporated DNA for coding a foreign protein having lactate dehydrogenase activity and ~~provided with~~ pyruvic acid substrate affinity that equals or exceeds the pyruvic acid substrate affinity of the pyruvate decarboxylase inherent in the host organism,

wherein the DNA for coding the aforementioned foreign protein has been ~~controllably incorporated by~~ such that it is under the control of the promoter of the pyruvate decarboxylase gene on the host chromosome, ~~or by~~ such that it is under the control of a structural and functional homologue of said ~~the promoter of the pyruvate decarboxylase gene, which~~ that replaces said the promoter of the pyruvate decarboxylase gene on the host chromosome.

2. (Previously Presented) The transformant according to Claim 1, wherein the aforementioned foreign protein is a bovine-derived lactate dehydrogenase or its homologue.

3. (Currently Amended) The transformant according to Claim 1, wherein the aforementioned foreign protein is a protein comprised of the amino acid sequence shown in ~~sequence number~~ SEQ ID NO:1 or its homologue.

4. (Currently Amended) The transformant according to Claim 3, wherein the aforementioned foreign protein is coded by the DNA sequence shown in ~~sequence number~~ SEQ ID NO: 3.

5. (Currently Amended) The transformant according to Claim 4, having the DNA sequence shown in ~~sequence number~~ SEQ ID NO:4 as the DNA sequence for coding the aforementioned foreign protein.

6. (Currently Amended) The transformant according to any of Claims 1 through 5, wherein the aforementioned host organism belongs to the ~~Saccaromyces~~ Saccharomyces family.

7. (Currently Amended) The transformant according to any of Claims 1 through 5, wherein the aforementioned host organism is ~~Saccaromyces~~ Saccharomyces cerevisiae.

8-15. (Cancelled).

16. (Currently Amended) A transformant of the Saccharomyces family into which the DNA for coding ~~the~~ a bovine-derived lactate dehydrogenase or its homologue has been ~~controllably~~ incorporated by such that the DNA is under the control of a the promoter of the pyruvate decarboxylase 1 gene on the host chromosome of the Saccaromyces Saccharomyces family, or by such that the DNA is under the control of a structural and functional homologue of said the promoter of the pyruvate decarboxylase gene, which that replaces said the promoter of the pyruvate decarboxylase gene on the host chromosome, and wherein the structural gene of the pyruvate decarboxylase 1 on the host chromosome has been destroyed.

17. (Currently Amended) The transformant according to Claim 16, wherein the aforementioned host is ~~Saccaromyces~~ Saccharomyces cerevisiae.

18. (Currently Amended) A lactic acid manufacturing method ~~provided with~~ comprising a process for culturing the transformant described in Claim 1, and

a process for separating lactic acid from the cultured product obtained in
~~the aforementioned~~ said process for culturing the transformant described in claim 1.

19. (Cancelled).